

IN THE CLAIMS:

Please amend claims 8 and 17-25 and cancel claim 16 as follows.

1. (Previously Presented) A method for traffic management in a radio system, the method comprising:

monitoring at least one cell load parameter of non-real-time users in a radio cell;

triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold;

selecting, based on at least one cell load parameter, the non-real-time users to perform cell reselection; and

triggering the selected non-real-time users to perform cell reselection.

2. (Previously Presented) The method of claim 1, further comprising selecting, based on the cell load parameter, the number of non-real-time users to perform cell reselection.

3. (Previously Presented) The method of claim 1, further comprising using different pre-set cell load thresholds for different traffic classes or priority classes of the non-real-time users.

4. (Previously Presented) The method of claim 1, wherein non-real time users are selected for cell reselection on the basis of at least one of the following cell load parameters:

- experienced quality of service;
- experienced delay;
- data throughput;
- transmission power level;
- capacity request rejection rate;
- used temporary block flows;
- number of temporary block flow users.

5. (Previously Presented) The method of claim 1, further comprising ranking the non-real-time users on the basis of a cell load parameter, and selecting the non-real-time users to perform cell reselection on the basis of a ranking.

6. (Previously Presented) The method of claim 1, wherein the number of non-real-time users to perform cell reselection is based on the magnitude by which the pre-set cell load threshold is exceeded.

7. (Previously Presented) The method of claim 1, wherein the cell reselection is an inter-system cell reselection or an inter-carrier cell reselection.

8. (Currently Amended) A radio system comprising:

a base station ~~for providing~~ configured to provide a radio cell for radio transmission and reception to user equipment, wherein

the base station ~~comprises~~ is configured to:

monitor unit configured to monitor at least one cell load parameter of non-real-time users in a radio cell;

~~trigger a triggering unit configured to trigger~~ a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold,

~~select selecting unit configured to select~~, based on at least one cell load parameter, the non-real-time users to perform cell reselection; and

~~trigger wherein the triggering unit is further configured to trigger~~ the selected non-real-time users to perform cell reselection.

9. (Previously Presented) The system of claim 8, wherein the base station is configured to select, based on the cell load parameter, the number of non-real-time users to perform cell reselection.

10. (Previously Presented) The system of claim 8, wherein the base station is configured to use different pre-set cell load thresholds for different traffic classes or priority classes of the non-real-time users.

11. (Previously Presented) The system of claim 8, wherein the base station is configured to select, based on at least one of the following cell load parameters, non-real-time users for cell reselection:

- experienced quality of service;
- experienced delay;
- data throughput;
- transmission power level
- capacity request rejection rate;
- used temporary block flows;
- number of temporary block flow users.

12. (Previously Presented) The system of claim 8, wherein the base station is configured to rank the non-real-time users on the basis of a cell load parameter, and that the selection of the non-real-time users to perform cell reselection is based on the ranking.

13. (Previously Presented) The system of claim 8, wherein the base station is configured to select, based on the magnitude by which the pre-set cell load threshold is exceeded, the number of non-real-time users to perform cell reselection.

14. (Previously Presented) The system of claim 8, wherein the base station is configured to trigger an inter-system cell reselection or an inter-carrier cell reselection.

15. (Previously Presented) The system of claim 8, wherein the base station comprises a controller configured to:

monitor at least one cell load parameter of non-real-time users in a radio cell;
trigger a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold;
select, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection; and
trigger the selected non-real-time users to perform cell reselection.

16. (Cancelled)

17. (Currently Amended) A controller of a radio system comprising a base station for providing a radio cell for radio transmission and reception to user equipment, the controller comprising:

monitoring unit configured to monitor means for monitoring at least one cell load parameter of non-real-time users in a radio cell;

first a triggering means unit configured to trigger for triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold;

selecting unit configured to select means for selecting, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection; and

second wherein the triggering unit is further configured to trigger means for triggering the selected non-real-time users to perform cell reselection,

wherein the controller is operable in a radio system comprising a base station, and the base station is configured to provide a radio cell for radio transmission and reception to user equipment.

18. (Currently Amended) The controller of claim 17, wherein the selecting unit means is configured to select, based on the cell load parameter, the number of non-real-time users to perform cell reselection.

19. (Currently Amended) The controller of claim 17, wherein the first triggering means unit is configured to use different pre-set cell load thresholds for different traffic classes or priority classes of the non-real-time users.

20. (Currently Amended) The controller of claim 17, wherein the selecting ~~means~~
unit is configured to select, based on at least one of the following cell load parameters,
non-real-time users for cell reselection:

- experienced quality of service;
- experienced delay;
- data throughput;
- transmission power level
- capacity request rejection rate;
- used temporary block flows;
- number of temporary block flow users.

21. (Currently Amended) The controller of claim 17, wherein the selecting ~~means~~
unit is configured to rank the non-real-time users on the basis of a cell load parameter and
to select the non-real-time users on the basis of a ranking.

22. (Currently Amended) The controller of claim 17, wherein the selecting ~~means~~
unit is configured to select, based on the magnitude by which the pre-set cell load
threshold is exceeded, the number of non-real-time users to perform cell reselection.

23. (Currently Amended) The controller of claim 17, wherein the ~~second~~
triggering unit means is configured to trigger an inter-system cell reselection or an inter-carrier cell reselection.

24. (Currently Amended) A radio network controller of a radio system
~~comprising a base station for providing a radio cell for radio transmission and reception~~
~~to user equipment~~, the radio network controller comprising:

monitoring means for monitoring at least one cell load parameter of non-real-time users in a radio cell;

first triggering means for triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold;

selecting means for selecting, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection; and

second triggering means for triggering the selected non-real-time users to perform cell reselection,

wherein the radio network controller is operable in a radio system comprising a base station and the base station provides a radio cell for radio transmission and reception to user equipment.

25. (Currently Amended) A base station of a radio system, ~~the base station for providing a radio cell for radio transmission and reception to user equipment, the base station comprising:~~

monitoring means for monitoring at least one cell load parameter of non-real-time users in a radio cell;

first triggering means for triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold;

selecting means for selecting, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection; and

second triggering means for triggering the selected non-real-time users to perform cell reselection

wherein the base station provides a radio cell for radio transmission and reception to user equipment, the base station.